EAST Search History

EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	126	((DAVID) near2 (OGLE)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/22 16:01
S2	32	((DAVID) near2 (OGLE)). INV.	EPO; JPO; DERWENT	OR	ON	2011/08/22 16:01
S3	8	(("6413402") or ("6328869") or ("5393386") or ("5650055")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/22 17:12
S4	8	S1 and (membrane or barrier) near4 (support or substrate)	US-PGPUB; USPAT	OR	ON	2011/08/22 17:21
S5	77	("3878564" "3989613" "4036748" "4045337" "4045455" "4069215" "4115225" "4123342" "4174439" "4196304" "4204929" "4217227" "4238306" "4238307" "4243507" "4252652" "4259079" "4269967" "4276140" "4279724" "4299677" "4383923" "4381232" "4383923" "4381232" "4383923" "4396477" "4441978" "4533447" "4608140" "4661224" "4673483" "4711722" "4746647" "4780411" "4897169" "4963236" "5039386" "5043048" "5080770" "5082548" "5087338" "5096547" "5114555" "5127999" "5160594" "5173164" "5185086" "5238570" "5277774" "5336387" "5340449" "5352343" "5407553" "5420047" "5437774" "5441646" "5490939" "5558753" "5561115" "5565102" "5610285" "5662813" "5736023" "5868938" "5891736" "5906724" "5938904"	US-PGPUB; USPAT; USOCR	OR	2	2011/08/22

		"5986075" "6093296" "6117297" "6129842" "6171825").PN. OR ("6923896").URPN.			mamamama	
S6	16	S5 and (membrane near3 (support or substrate))	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/22 17:39
S7	2812	((204/518-545,624-640. ccls.)).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/22 17:43
S8	234	S7 and (membrane or filter) near3 (support or substrate or housing)	US-PGPUB; USPAT	OR	ON	2011/08/22 17:44
S9	242	S7 and (membrane or filter) near3 (support or substrate or hous\$4)	US-PGPUB; USPAT	OR	ON	2011/08/22 17:44
S10	2	US-8918200-\$.DID. OR US-2990361-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/08/22 18:06
S11	5	(("4569747") or ("20060027457")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/22 18:07
S12	0	("2006/0027457").URPN.	USPAT	OR	ON	2011/08/22 18:10
S13	41	S7 and (membrane or filter) near3 (support or substrate or hous\$4 or frame) near3 (rib or spacer or edge)	US-PGPUB; USPAT	OR	ON	2011/08/22 18:29
S14	7	("4062756").URPN.	USPAT	OR	ON	2011/08/25 10:29
S15	526	("20010035218" "20020172871" "20030019790" "20030019818" "20030041908" "200300116430" "20040005719" "20040027100" "20040108277" "20060016685" "20060137986" "20070123290" "20070120523" "20070120523" "2470741" "2726356" "2825666" "2829095" "2863813" "2974681" "3003940" "3233732"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/25

. \$		e .	2	
"3250695"	"3368871"			
"3398069"	"3398091"			
"3412006" I	"3420773" İ			
"3433726"	"3440149"			
"3440159"	"3446724"			
1.3	•			
"3454472"	"3475122"			
"3475143"	"3476600"			
"3480495"	"3485576"			
"3496091"	"3496453"			
"3502429"	"3515513"			
"3518174"	"3520803" j			
"3523755"	"3523880"			
"3524801"	"3525682"			
"3542205"	"3547801"			
- 19	•			
"3554895"	"3558279"			
"3562139"	"3567864"			
"3589999"	"3607417"			
"3607706"	"3608610"			
"3616312"	"3621173"			
"3627133"	"3643806"			
"3645882"	"3645884" İ			
"3654103"	"3654125"			
"3657104"	"3661647"			
"3661762"	•			
	"3663299"			
"3664832"	"3669857"			
"3672841"	"3675041"			
"3695444"	"3695446"			
"3700934"	"3701360"			
"3717256"	"3720329"			
"3738812"	"3749655"			
"3765035"	"3765225"			
"3766712"	"3772189"			
"3774763"	"3774802"			
"3775135"	"3785954"			
	•			
"3787339"	"3794460"			
"3805833"	"3814688"			
"3817703"	"3826614"			
"3826618"	"3827564"			
"3840341"	"3843523"			
"3847765"	"3850797"			
"3869376"	"3883383"			
"3887499"	"3896015" j			
"3926071"	"3926864"			
"3954592"	"3958960"			
"3958961"	"3964985"			
• ;	"3975567"			
"3972815"	•			
"3978266"	"3978855"			
"3993517").				
("3997927"	"4012310"			
"4024043"	"4031918"			
"4032452"	"4057483"			
"4062756"	"4067794" İ			
"4073632"	"4074983"			
"4107015"	"4110265"			
"4115225"	"4124478"			
• ;	"4140591"			
"4133641"	•			
"4146455"	"4148708"			
7170700	+1+0700			

		· c	. 2		,
"4173524"	"4180451"				
"4183399"	"4191811"				
"4202772"	"4216073"				
"4217186"	"4225412"				
"4230544"	"4231855"				
"4242185"	"4255012"				
"4257887"	"4270935" İ				
"4275227"	"4276140"				
"4284492"	"4298442"				
"4299677"	"4299698"				
"4310631"	"4316125"				
"4321192"	"4322275"				
"4332680"	"4344781"				
"4351710"	"4372821"				
"4373031"	"4374206"				
	•				
"4374720"	"4381232" "4396477"				
"4391680"					
"4426323"	"4435318"				
"4441978"	"4446352"				
"4461693"	"4461945"				
"4463064"	"4465573"				
"4504373"	"4505797"				
"4528173"	"4534867"				
"4536845"	"4551209"				
"4584075"	"4587269"				
"4592817"	"4594135"				
"4606943"	"4608140"				
"4609007"	"4613422"				
"4614576"	"4617321"				
"4622123"	"4629424"				
"4636289"	"4643814"				
"4645625"	"4661224"				
"4661896"	"4663144"				
"4668402"	"4671863"				
"4673483"	"4678553"				
"4678565"	"4707240"				
"4731049"	•				
"4739380"	"4750983"				
"4760328"	"4764315"				
"4769135"	"4775703"				
"4781809"	"4795537"				
"4802984"	"4804451"				
"4806291"	"4822471"				
"4838312"	"4851100"				
"4864229"	"4871431"				
"4888098"	"4900450"				
"4913816"	"4925541"				
"4940667"	"4969983"				
"4970003"	"4977094"				
"4980056"	"4990230"				
"5006211"	"5007989"				
"5019235"	"5026465"				
	"5037858"				
"5045171")					
- 4 *	"5055170"				
1.5	"5061372"				
"5066375"	"5066393"				
: \$		18	i\$	\$	{

		_		
"5073255"	"5075011"			
"5089192"	"5102547"			
"5118424"	"5118717"			
- 2				
"5120416"	"5127427"			
"5137925"	"5141717"			
"5145618"	"5147553"			
"5152901"	"5160608"			
"5162649"	"5194189"			
"5203976"	i "5203982" i			
"5221455"	"5227052"			
"5228962"	"5239285"			
: §				
"5254257"	"5264125"			
"5273070"	"5275206"			
"5281317"	"5282935"			
"5284879"	"5290443"			
"5298164"	"5308466"			
"5322604"	"5354903"			
"5384813"	i "5401408" i			
"5415759"	"5472622"			
"5474653"	"5478488"			
"5480555"	"5503729"			
1.5				
"5510394"	"5572414"			
"5575923"	"5577890"			
"5585003"	"5616249"			
"5656161"	"5658459"			
"5662802"	"5665239"			
"5667686"	"5679228"			
"5679229"	"5693227"			
"5699272"	i "5702582" i			
"5730646"	i "5738170" i			
"5738780"	"5751598"			
"5759412"	"5762774"			
"5766488"	"5770037"			
"5788826"	"5798040"			
"5800705"	"5814197"			
"5833846"	"5833867"			
"5858191"	"5863438"			
"5868915"	"5881809"			
"5885141"	"5885458"			
"5888381"	"5891328"			
"5895570"	"5897757"			
"5906436"	"5919357"			
"5922209"	"5925240"			
"5931194"	"5931196"			
1.5				
"5934971"	"5948230"			
"5957669"	"5979551"			
"6004438"	"6009136"			
"6019892"	"6027645"			
"6030529"	"6032821"			
"6047768"	"6051131"			
"6068450"	"6074551"			
"6076543"	"6086757"			
"6093329"	"6103078"			
"6105598"	"6109778"			
"61103398	"6110385"			
2				
"6117297"	"6126516"			
"6126796"	"6126805"			
**		 	•	

i"6132176"	"6139714"			
1.9	"6146538"			
"6149819")	•			
	"6176258"			
"6180002"				
"6206091"	"6206200"			
"6217729"	"6221248"			
"6244574"	"6263900"			
"6267855"	"6270671"			
"6273937"	"6280601"			
"6284124"	"6293975"			
"6305555"	!			
"6309521"	"6308724" "6312577"			
"6315886"				
"6328896"	"6315906" "6337014"			
: §				
"6342163" "6344584"	"6343752" "6354819"			
"6344584" "6255157"				
"6355157" "6272690"	"6358421"			
"6373680"	"6375851"			
"6383389"	"6391448"			
"6398965" "6410670"	"6409926"			
"6410672"	"6419817"			
"6419823"	"6423234"			
"6428677"	"6434024"			
"6440310"	"6457698"			
"6464211"	"6468412"			
"6472223"	"6482305"			
"6485641"	"6491181"			
"6497817"	"6510959"			
"6514398"	"6524469"			
"6536606"	"6546685"			
"6568282"	"6572758"			
"6575195"	"6579450"			
"6582605"	"6592762"			
"6607175"	"6607647"			
"6613230"	"6620315"			
"6623647"	"6638413"			
"6645385"	"6645400"			
"6649037"	"6652758"			
"6659113"	"6660307"			
"6674249" "6700579"	"6693139"			
"6709578"	"6716359"			
"6723246"	"6726893"			
"6733636"	"6736275"			
"6740235"	"6763846"			
"7087211"	"7163964"			
"7338590"	"7344629"			
"B408749"	"D248157"			
"D313330"	"D325740"			
"D387656"	"D389400"			
"D394697"	"D398368"			
"D456876"	"RE27701").			
PN.		l .		

C4.0	FOC	:/"0001000C010" !	LIC DODI ID	$\bigcirc \Box$	ONI	0011/00/05
S16	526	("20010035218"	US-PGPUB;	OR	ON	2011/08/25
		"20020172871"	USPAT; USOCR			10:31
		"20030019790"				
		"20030019818"				
		"20030041908"				
		"20030116430"				
		"20040005719"				
		"20040027100"				
		"20040108277"				
		"20060016685"				
		"20060137986"				
		"20060138997"				
		"20070023290"				
		"20070108056"				
		"20070120523"				
	2	"20070175766"				
		"2470741" "2726356"				
		"2825666" "2829095"				
		"2863813" "2974681"				
		"3003940" "3233732"				
		"3250695" "3368871"				
		"3398069" "3398091"				
		"3412006" "3420773"				
		"3433726" "3440149"				
		"3440159" "3446724"				
		"3454472" "3475122"				
		"3475143" "3476600"				
		"3480495" "3485576"				
		"3496091" "3496453"				
		"3502429" "3515513"				
		"3518174" "3520803"				
		"3523755" "3523880"				
		"3524801" "3525682"				
		"3542205" "3547801"				
		"3554895" "3558279"				
		"3562139" "3567864"				
		"3589999" "3607417"				
		"3607706" "3608610"				
		"3616312" "3621173"				
		"3627133" "3643806"				
		"3645882" "3645884"				
		"3654103" "3654125"				
		"3657104" "3661647"				
		"3661762" "3663299"				
		"3664832" "3669857"				
		"3672841" "3675041"				
		"3695444" "3695446"				
		"3700934" "3701360"				
		"3717256" "3720329"				
		"3738812" "3749655"				
		"3765035" "3765225"				
		"3766712" "3772189"				
		"3774763" "3774802"				
		"3775135" "3785954"				
		"3787339" "3794460"				
		"3805833" "3814688"				
		"3817703" "3826614"				
43	\$	\$	ş	3	\	ŧ

"3826618" "3827564" "3840341" "3843523" "3847765" "3850797" "3869376" "3883383" "3887499" "3896015"	
"3847765" "3850797" "3869376" "3883383" "3887499" "3896015"	
"3869376" "3883383" "3887499" "3896015"	
"3887499" "3896015"	
"3887499" "3896015"	
"3926071" "3926864"	
"3954592" "3958960"	
"3958961" "3964985"	
"3972815" "3975567"	
"3978266" "3978855"	
"3993517").PN. OR	
("3997927" "4012310"	
"4024043" "4031918"	
"4032452" "4057483"	
"4062756" "4067794"	
"4073632" "4074983"	
"4107015" "4110265"	
"4115225" "4124478"	
"4133641" "4140591"	
"4146455" "4148708"	
"4173524" "4180451"	
"4183399" "4191811"	
"4202772" "4216073"	
"4217186" "4225412"	
"4230544" "4231855"	
"4242185" "4255012"	
"4257887" "4270935"	
"4275227" "4276140"	
"4284492" "4298442"	
"4299677" "4299698"	
"4310631" "4316125"	
"4321192" "4322275"	
"4332680" "4344781"	
"4351710" "4372821"	
"4373031" "4374206"	
"4374720" "4381232"	
"4391680" "4396477"	
"4426323" "4435318"	
"4441978" "4446352"	
"4461693" "4461945"	
"4463064" "4465573"	
"4504373" "4505797"	
"4528173" "4534867"	
"4536845" "4551209"	
"4584075" "4587269"	
"4592817" "4594135"	
"4606943" "4608140"	
"4609007" "4613422"	
"4614576" "4617321"	
"4622123" "4629424"	
"4636289" "4643814"	
"4645625" "4661224" "4661806" "4663144"	
"4661896" "4663144" "4668400" "4671863"	
"4668402" "4671863"	
"4673483" "4678553"	
"4678565" "4707240"	
"4731049" "4735717"	

"4739380" "4750983"			
"4760328" "4764315"			
"4769135" "4775703"			
"4781809" "4795537"			
"4802984" "4804451"			
"4806291" "4822471"			
"4838312" "4851100"			
"4864229" "4871431"			
"4888098" "4900450"			
"4913816" "4925541"			
"4940667" "4969983"			
"4970003" "4977094"			
"4980056" "4990230"			
"5006211" "5007989"			
"5019235" "5026465"			
"5034124" "5037858"			
"5045171").PN. OR			
("5045198" "5055170"			
"5056996" "5061372"		*	
"5073255" "5075011"			
"5089192" "5102547"			
"5118424" "5118717"			
"5120416" "5127427"			
"5137925" "5141717"			
"5145618" "5147553"			
"5152901" "5160608"			
"5162649" "5194189"			
"5203976" "5203982"			
"5221455" "5227052"			
"5228962" "5239285"			
"5254257" "5264125"			
"5273070" "5275206"			
"5281317" "5282935"			
"5284879" "5290443"			
"5298164" "5308466"			
"5322604" "5354903"			
"5384813" "5401408"			
"5415759" "5472622"			
"5474653" "5478488"			
"5480555" "5503729"			
"5510394" "5572414"			
"5575923" "5577890"			
"5585003" "5616249"			
"5656161" "5658459"			
"5662802" "5665239"			
"5667686" "5679228"			
"5679229" "5693227"			
"5699272" "5702582"			
"5730646" "5738170"			
"5738780" "5751598"			
"5759412" "5762774"		*	
"5766488" "5770037"			
"5788826" "5798040"			
"5800705" "5814197"		\	
"5833846" "5833867"			
"5858191" "5863438"			
• \$)	1	:

"5868915"	"5881809"			
"5885141"	"5885458"			
"5888381"	"5891328"			
"5895570"	•			
1.5	"5897757"			
"5906436"	"5919357"			
"5922209"	"5925240"			
"5931194"	"5931196"			
"5934971"	"5948230"			
"5957669"	"5979551"			
"6004438"	"6009136"			
"6019892"	"6027645"			
"6030529"	"6032821"			
2			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
"6047768"	"6051131"			
"6068450"	"6074551"			
"6076543"	"6086757"			
"6093329"	"6103078"			
"6105598"	"6109778"			
"6110342"	"6110385"			
"6117297"	"6126516"			
"6126796"	"6126805"			
"6132176"	"6139714"		***************************************	
"6143184"	"6146538"			
2				
"6149819")				
13.	"6176258"			
"6180002"	"6190564"			
"6206091"	"6206200"			
"6217729"	"6221248"			
"6244574"	"6263900"			
"6267855"	"6270671"			
"6273937"	"6280601"			
"6284124"	"6293975"			
"6305555"	"6308724"			
"6309521"	"6312577"			
"6315886"	"6315906"			
"6328896"	"6337014"			
"6342163"	"6343752"			
"6344584"	"6354819"			
"6355157"	"6358421"			
"6373680"	"6375851"			
"6383389"	"6391448"			
"6398965"	"6409926"			
"6410672"	"6419817"			
"6419823"	"6423234"			
"6428677"	"6434024"			
1.5				
"6440310"	"6457698"			
"6464211"	"6468412"			
"6472223"	"6482305"			
"6485641"	"6491181"			
"6497817"	"6510959"			
"6514398"	"6524469"			
"6536606"	"6546685"			
"6568282"	"6572758"			
"6575195"	"6579450"			
"6582605"	"6592762"			
1.3				
"6607175"	"6607647"			
"6613230"	"6620315"			
"6623647"	"6638413"			
. \$: 8	\$. \$	

		"6645385" "6645400" "6649037" "6652758" "6659113" "6660307" "6674249" "6693139" "6709578" "6716359" "6723246" "6726893" "6733636" "6736275" "6740235" "6763846" "7087211" "7163964" "7338590" "7344629" "B408749" "D248157" "D313330" "D325740" "D387656" "D389400" "D394697" "D398368" "D456876" "RE27701"). PN.			annamanamanamanamanamanamanamanamanaman	
S17	10	("3933617" "4172779" "4303493" "4350581" "4600493").PN. OR ("4737260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/25 10:32
S18	19	("3201339" "3256174" "3284335" "3761386" "3933617" "4172779" "4204929" "4233146"). PN. OR ("4303493"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/25 10:43
S19	3	("4990230").URPN.	USPAT	OR	ON	2011/08/25 11:37
S20	2	("4990230").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/29 14:48
S21	11009	((210/154-172.5.cds.)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/30 11:13
S22	3	\$21 and (barrier or separator) near3 (drain near3 (channel or port or hole))	US-PGPUB; USPAT	OR	ON	2011/08/30 11:15
S23	30	(US-20020023842-\$ or US-20020043465-\$ or US-20020176801-\$ or US-20030019753-\$ or US-20050167270-\$ or US-20060037860-\$ or US-20090134031-\$ or US-20100326833-\$ or US-20050242030-\$).did. or (US-6919006-\$ or US-6923896-\$ or US-6969453-\$ or US-4362612-\$ or US-4533447-\$ or US-5407553-\$ or US-6436264-\$ or US-6436264-\$ or US-6436264-\$	US-PGPUB; USPAT; EPO	OR	NON	2011/08/30 11:16

		7144735-\$ or US-7794577-\$ or US-4569747-\$ or US-4600493-\$ or US-4737260-\$ or US-4747929-\$ or US-4750983-\$ or US-5891328-\$ or US-6123823-\$ or US-3761386-\$).did. or (WO-3070360-\$ or WO-2005015194-\$).did.				
S24	1	\$23 and (barrier or separator or spacer or frame) near3 (drain near3 (channel or port or hole))	US-PGPUB; USPAT	OR	ON	2011/08/30 11:17
S25	7	\$21 and (barrier or separator or spacer or frame) near3 (drain near3 (channel or port or hole))	US-PGPUB; USPAT	OR	ON	2011/08/30 11:17
S26	59	"210".clas. and (barrier or separator or spacer or frame) near3 ((drain or overflow) near3 (channel or port or hole))	US-PGPUB; USPAT	OR	ON	2011/08/30 11:19
S27	52	S26 not S25	US-PGPUB; USPAT	OR	ON	2011/08/30 11:19
S28	2	("4990230").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/08/30 16:36
S29	8	("4600493").URPN.	USPAT	OR	ON	2011/08/30 19:59
S30	4	("2923676" "3933617" "4600493").PN. OR ("4786393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/30 20:01
S31	60	"210".clas. and ((press\$5 or retain\$3) near4 (block or plate) near3 (grid or spacer))	US-PGPUB; USPAT	OR	ON	2011/08/30 20:03
S32	0	("2002/0148769").URPN.	USPAT	OR	ON	2011/08/30 20:12
S33	3056	"210".clas. and ((end or retain\$4 or press\$4) near4 (block or plate or frame)) with (rail or flow or channels or grid or perturber or protrusion or grooves or rib)	US-PGPUB; USPAT	OR	ON	2011/08/30 20:15

S34	1518	"210".clas. and ((end or retain\$4 or press\$4) near4 (block or plate or frame)) near4 (rail or flow or channels or grid or perturber or protrusion or grooves or rib)	US-PGPUB; USPAT	OR	ON	2011/08/30 20:16
S35	1618	"210".clas. and ((end or retain\$4 or press\$4) near4 (block or plate or frame)) near4 (rail or flow or channels or grid or perturber or protrusion or groove or rib)	US-PGPUB; USPAT	OR	ON	2011/08/30 20:16
S36	1618	"210".clas. and (((end or retain\$4 or press\$4) near4 (block or plate or frame)) near4 (rail or flow or channels or grid or perturber or protrusion or groove or rib))	US-PGPUB; USPAT	OR	ON	2011/08/30 20:16
S37	1060	.;	US-PGPUB; USPAT	OR	ON	2011/08/30 20:17
S38	613	"210".clas. and (((end or retain\$4 or press\$4) near4 (block or plate or frame)) near4 (rail or channels or grid or perturber or protrusion or groove or rib)) and @py<"2004"	US-PGPUB; USPAT	OR	ON	2011/08/30 20:18
S 39	10	(("4786393") or ("3734298") or ("4039455")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/02 10:16
S40	40	(US-20020023842-\$ or US-20020043465-\$ or US-20020176801-\$ or US-20030019753-\$ or US-20050167270-\$ or US-20060037860-\$ or US-20090134031-\$ or US-20100326833-\$ or US-20050242030-\$ or US-20080245750-\$ or US-20020148769-\$).did. or (US-6919006-\$ or US-6923896-\$ or US-6969453-\$ or US-4362612-\$ or US-	US-PGPUB; USPAT; EPO	OR	ON	2011/09/02 10:17

S43	6	S42 and retain	US-PGPUB; USPAT	OR	ON	2011/09/02 12:19
S42	40	(US-20020023842-\$ or US-20020043465-\$ or US-20020176801-\$ or US-20030019753-\$ or US-20050167270-\$ or US-20060037860-\$ or US-20090134031-\$ or US-20050242030-\$ or US-20080245750-\$ or US-20020148769-\$).did. or (US-6919006-\$ or US-6923896-\$ or US-6923896-\$ or US-6923896-\$ or US-7144735-\$ or US-7144735-\$ or US-7144735-\$ or US-7144735-\$ or US-4569747-\$ or US-4569747-\$ or US-4569747-\$ or US-47600493-\$ or US-4737260-\$ or US-4747929-\$ or US-4750983-\$ or US-5891328-\$ or US-5009785-\$ or US-6238110-\$ or US-6365043-\$ or US-7314509-\$ or US-4786393-\$ or US-3734298-\$ or US-4039455-\$).did. or (US-6626094-\$).did. or (WO-3070360-\$ or WO-2005015194-\$).did.	US-PGPUB; USPAT; EPO	OR		2011/09/02
S41	9	S40 and cartridge	US-PGPUB; USPAT	OR	ON	2011/09/02 10:17
		4533447-\$ or U\$-5407553-\$ or U\$-6436264-\$ or U\$-7144735-\$ or U\$-7794577-\$ or U\$-4569747-\$ or U\$-462756-\$ or U\$-4747929-\$ or U\$-4750983-\$ or U\$-5891328-\$ or U\$-3761386-\$ or U\$-5009785-\$ or U\$-6238110-\$ or U\$-6365043-\$ or U\$-3734298-\$ or U\$-3734298-\$ or U\$-3070360-\$ or W\$-2005015194-\$).did.				

S44	0	"210".clas. and (barrier or separator or spacer or frame) near3 (parralel near4 (ridges or channels or grid or ribs or protrusion))	US-PGPUB; USPAT	OR	ON	2011/09/02 13:10
S45	0	"210".clas. and (barrier or separator or spacer or frame) with (parralel near4 (ridges or channels or grid or ribs or protrusion))	US-PGPUB; USPAT	OR	ON	2011/09/02 13:11
S46	112	"210".clas. and (barrier or separator or spacer or frame) with ((longitudinal or parralel) near4 (ridges or channels or grid or ribs or protrusion))	US-PGPUB; USPAT	OR	ON	2011/09/02 13:11
S47	0	"210".clas. and (barrier or separator or spacer or frame) with ((longitudinal or parralel) near4 (ridges or channels or grid or ribs or protrusion)) and PY@2003	US-PGPUB; USPAT	OR	ON	2011/09/02 13:11
S48	72	"210".clas. and (barrier or separator or spacer or frame) with ((longitudinal or parralel) near4 (ridges or channels or grid or ribs or protrusion)) and @py< "2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 13:11
S49	680	"210".clas. and (((end or retain\$4 or press\$4) near4 (block or plate or frame)) near4 (rail or channels or grid or perturber or protrusion or groove or rib or spacer)) and @py< "2004"	US-PGPUB; USPAT	OR	ON	2011/09/02 14:02
S50	613	"210".clas. and (((end or retain\$4 or press\$4) near4 (block or plate or frame)) near4 (rail or channels or grid or perturber or protrusion or groove or rib)) and @py<"2004"	US-PGPUB; USPAT	OR	ON	2011/09/02 14:02
S51	67	S49 not S50	US-PGPUB; USPAT	OR	ON	2011/09/02 14:02

S52	48	"210".clas. and (barrier or separator or spacer or frame) near3 (drain near3 (channel or port or recess or conduit))	US-PGPUB; USPAT	OR	ON	2011/09/02 17:04
S53	216	"210".clas. and (barrier or separator or spacer or frame) near3 (drain) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 17:09
S54	194	"210".clas. and (separator or spacer or frame) near3 (drain) and @py< "2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 17:09
S55	0	"210".clas. and membrane near3 (barrier or separator or spacer or frame) near3 (drain) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 17:10
S56	4	"210".clas. and membrane near3 (barrier or separator or spacer or frame) near3 (drain)	US-PGPUB; USPAT	OR	ON	2011/09/02 17:10
S57	0	"204".clas. and membrane near3 (barrier or separator or spacer or frame) near3 (drain)	US-PGPUB; USPAT	OR	ON	2011/09/02 17:11
S58	29	"204".clas. and (barrier or separator or spacer or frame) near3 (drain) and @py< "2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 17:16
S59	40	(US-20020023842-\$ or US-20020043465-\$ or US-20020176801-\$ or US-20030019753-\$ or US-20050167270-\$ or US-20060037860-\$ or US-20090134031-\$ or US-20090134031-\$ or US-20050242030-\$ or US-20080245750-\$ or US-20080245750-\$ or US-6923896-\$ or US-6923896-\$ or US-6923896-\$ or US-6923896-\$ or US-5407553-\$ or US-64362612-\$ or US-7144735-\$ or US-7794577-\$ or US-4569747-\$ or US-4569747-\$ or US-4569747-\$ or US-4750983-\$ or US-4737260-\$ or US-4747929-\$ or US-4750983-\$ or US-5891328-\$ or US-5009785-\$ or US-6238110-\$ or US-6365043-\$ or	US-PGPUB;	OR	ON	2011/09/02

		7314509-\$ or US-4786393- \$ or US-3734298-\$ or US- 4039455-\$).did. or (US- 6626094-\$).did. or (WO- 3070360-\$ or WO- 2005015194-\$).did.	annonnonnonnonnonnonnonnonnonnonnonnonno			
S60	1	S59 and (barrier or separator or spacer or frame) near3 (drain) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 17:40
S61	469860]	US-PGPUB; USPAT	OR	ON	2011/09/02 17:40
S62	9	S59 and drain	US-PGPUB; USPAT	OR	ON	2011/09/02 17:40
S63	16	S59 and over near3 flow	US-PGPUB; USPAT	OR	ON	2011/09/02 18:00
S64	4	S59 and over adj3 flow	US-PGPUB; USPAT	OR	ON	2011/09/02 18:01
S65	111	"210".clas. and (over adj3 flow) near3 (channel or conduit)	US-PGPUB; USPAT	OR	ON	2011/09/02 18:02
S66	47	"210".clas. and membrane and (over adj3 flow) near3 (channel or conduit)	US-PGPUB; USPAT	OR	ON	2011/09/02 18:02
S67	0	"210".clas. and membrane and (over adj3 f4043896low) near3 (channel or conduit)	US-PGPUB; USPAT	OR	ON	2011/09/02 18:15
S68	30	"4715955"	US-PGPUB; USPAT	OR	ON	2011/09/02 18:15
S69	6	(("4043896") or ("4715955")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/02 18:15
S70	0	S69 and (over adj4 flow)	US-PGPUB; USPAT	OR	ON	2011/09/02 18:17
S71	31	"204".clas. and (barrier or separator or spacer or frame) near3 (drain or (over adj3 flow)) and @py< "2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 18:34
S72	227	"210".clas. and (barrier or separator or spacer or frame) near3 (drain or (over adj3 flow)) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/09/02 18:36

S73	38	"210".clas. and (barrier or	US-PGPUB;	OR	ON	2011/09/02
		separator or spacer or	USPAT			18:37
		frame) near3 (drain or				
		(over adj3 flow)) near4				
		(channel or conduit or slot				
		or outlet) and				
		@py< "2003"				

9/7/2011 10:42:06 AM

C:\ Documents and Settings\ gkaur\ My Documents\ EAST\ Workspaces\ 10567019.wsp